

TESTING FORUM

ASTM News

Symposium on Durability of Concrete Planned

An ASTM symposium, "Durability of Concrete," will be held during the 8-11 December meeting of Committee C-9 on Concrete and Concrete Aggregates at the Dutch Inn in Orlando, Fla. The symposium is chaired by Dr. Ludmila M. M. Dolar-Mantuani and will focus on the latest findings and current technology relating to the durability of portland cement concrete or concrete containing fly ash, fibers, slag, or blended cement. Publication of the proceedings by ASTM is planned. For information contact Dr. Ludmila M. M. Dolar-Mantuani, Postal Station W, P.O. Box 184, Toronto, Ont., Canada M6M 4Z2 (416/965-1337 or 248-8590).

William S. Weaver Named Honorary Member of ASTM

William S. Weaver, manager of research and quality control for Canada Cement LaFarge Ltd. in Montreal, has been awarded Honorary Membership in ASTM in honor of his distinguished service to Committee C-1 on Cement and his "leadership in research, development, and coordination of standards for cement in the United States and Canada." Weaver has been a member of ASTM since 1947 and served on Committee C-1's executive subcommittee for over 20 years, as secretary, then vice-chairman, and finally member-at-large. His other ASTM honors include the first P. H. Bates Award and the ASTM Award of Merit, which carries the honorary title of Fellow.

Weaver began work with Canada Cement LaFarge in 1946 as a research chemist. As head of research and quality control, a position he attained in 1970, he is responsible for the research laboratory, for surveying the company's quality control programs throughout Canada, and for representing his company in standards organizations. In addition to ASTM, Weaver belongs to the American Ceramics Society, the American Concrete Institute, the Canadian Standards Association, the Canadian Government Specifications Board, and the Chemical Institute of Canada.

ASTM Meetings

The next meeting of Committee C-1 on Cement will be held 10-12 December at the Dutch Inn, Orlando, Fla. Committee C-9 will also meet there that week, from 8 to 11 December. For information on either meeting, contact Kenneth C. Pearson, ASTM Standards Development Division, 1916 Race St., Philadelphia, Pa. 19103 (215/299-5520).

Your contributions to this column are always welcome. For information on how to submit items, contact Kathryn C. Lieb, Editor, ASTM Periodicals, 1916 Race St., Philadelphia, Pa. 19103.

ACI Forms New Industry Committees

The formation of five new technical committees for the consideration of certain timely developments in the concrete industry has been authorized by the Board of Direction of the American Concrete Institute (ACI), Detroit, Mich. John F. McLaughlin, ACI president, said appointments to the five new committees will be made in the near future so that the groups can begin deliberations soon. Chairmen of three of the committees have already been appointed.

These new committees will be concerned with subjects that are of major and current interest to architects, engineers, contractors, and others who comprise today's concrete industry," McLaughlin said. The new committees and their missions, as set forth by the ACI Board of Direction, are as follows:

Parking Structures: "Develop and disseminate information on parking structures including design, construction, performance, and maintenance."

Precast Structural Concrete: "Study and report on criteria for the design and construction of precast concrete structures including precast, prestressed members. Assist in the development and review of code recommendations dealing with the strength, serviceability, construction, and structural integrity of precast structures." (Joint committee with the American Society of Civil Engineers.)

Tilt-up Concrete Construction: "Study and report on current practice in the design, construction, and surface finishes of tilt-up concrete structures. Develop standard practices for such structures."

Energy Conservation: "Develop and disseminate information on energy use and conservation in the concrete industry, including production of materials, design, construction, and building operation."

High Strength Concrete: "Develop, gather, and examine information on high strength concrete including mixture designs, methods of production, testing requirements, and structural properties. Prepare recommendations on design and construction practices for appropriate applications of high strength concrete."

McLaughlin noted that chairmen for three of the new committees have already agreed to serve. The chairmen, the committee which they will head, and their business affiliations are as follows:

Carl A. Peterson, Parking Structures Committee: Mr. Peterson is senior structural engineer of Wiss, Janney, Elstner, and Associates, engineers, Northbrook, Ill.

Peter D. Courtois, Tilt-up Concrete Construction: Mr. Courtois is vice-president—corporate development, Superior Concrete Accessories, Inc., San Diego, Calif.

Henry G. Russell, High Strength Concrete: Mr. Russell is director, Structural Development Department, Portland Cement Association, Skokie, Ill.

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Cement, Concrete, and Aggregates

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ASTM Committee C-1 on Cement

Scope

The development of specifications, methods of test, recommended practices, and definitions of terms for hydraulic-cements, including portland, natural, pozzolanic, masonry and slag cements, and modifications of the foregoing, and combinations during manufacture thereof; the investigation of the properties of hydraulic cements and the promotion of improvement and uniformity of testing and these materials; joint sponsorship, with ASTM Committee C-9 on Concrete and Concrete Aggregates, of the Cement and Concrete Reference Laboratory, a cooperative project of the Government and ASTM.

Officers

Chairman: W. L. Dolch, Purdue University, School of Civil Engineering, Lafayette, Ind. 47907

Vice-Chairman: J. L. Goetz, Southwestern Portland Cement Co., 3055 Wilshire Blvd., Los Angeles, Calif. 90010.

Secretary: J. W. Meusel, Atlantic Cement Co., Inc., P.O. Box 30, Stamford, Conn. 06904

Membership Secretary: R. O. Lane, Tennessee Valley Authority, Singleton Materials Engineering Laboratory, Knoxville, Tenn. 37902

Technical Assistant: J. R. Dise, National Bureau of Standards, Washington, D.C. 20234

ASTM Committee C-9 on Concrete and Concrete Aggregates

Scope

The assembling and study of data pertaining to the properties of portland cement concrete and its constituent materials, including the study of effect of characteristics of materials and mixtures upon the properties of concrete; the development of methods of test for concrete and for the constituent materials of concrete (except cement), as well as for certain related materials, such as materials used in curing; the formulation of standard specifications for the constituent materials of concrete (except cement) and for concrete itself (subject to suitable interpretation of the term "concrete"). The scope of Committee C-9 does not include the field of design and construction of concrete structures except insofar as references need to be made to construction methods in special cases of concrete as "over-the-counter" materials.

Officers

Chairman: J. F. McLaughlin, Purdue University, Office of the Dean of Engineering, ENAD Bldg., W. Lafayette, Ind. 47907

Vice-Chairman: R. C. Mielenz, Route 1, Box 103, Brigham Rd., Gates Mills, Ohio 44040

Secretary: G. S. Bobrowski, American Admixtures Corp., 5909 N. Rogers Ave., Chicago, Ill. 60646

Membership Secretary: D. T. Smith, Marquette Cement Manufacturing Co., 2200 First American Center, Nashville, Tenn. 37238